Page 1 of 1

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT .			PU4591USı APPLICAN Jodi Marie	ATTORNEY DOCKET NO. PU4591USw APPLICANT Jodi Marie MAGLICH et al. FILING DATE		NO. 7
		٠	September		GROUP 1646	
		U.S. PA	TENT DOCUMENTS		1 2040	
Examiner Initials	Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
						RECEIVED
		<del> </del>	<del></del>		OF I	TRAL FAX CEN
					V-1	DAL FAN VEN
			•			AN 3 1 700
			,			
		Con	tinue on page			
		FOREIGN	PATENT DOCUMEN	TS		
	Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No
			<u> </u>			
		<del>                                     </del>	•			
					· · · · · · · · · · · · · · · · · · ·	<del> </del>
	<del></del>	<del> </del>	<u> </u>	<del></del>	<del></del>	<del> </del>
		Con	inue on page			<u> </u>
	OTHER DOCUM	MENTS (Including	Anthor, Title, Journal	-Date, Page Numi	er, Etc.)	
SHS 1.	Wuarin et al., "T	ne role of the transci 6:123-127 (1992).	iptional activator protei	n DBP in circadian	liver gene e	xpression," J.
			<u> </u>	<del></del>	<del>-</del>	· · · · · · · · · · · · · · · · · · ·
			•			
						-
<del></del>			<del></del>			
AMINER		Cor Dottate sine	It inue on page ad by Sholemen H. Shefer men H. Shafer, c=US, o=USPTO, ou=AU 1647, en p. por 2 22 12:24:17-05'00'	Dien o	ONGIDER	
TANTACK ~	المطائمة مالييط	Chafar DN: cheshu	emith H. Shater, c=US, o=USPTO, ou=AU 1647, an	nativativamen.   DA LEC	22/2007	ט

Form PT(	D-1449	U.S. Depar Patent a	tment of Commerce nd Trademark Office	PU4591	SERIAL 10/506,6				
		ATION DISC	LOSURE	APPLICANT Jodi Marie MAGLICH et al.					
STATEMENT BY APPLICANT (Use several sheets if necessary)				FILING DATE September 3, 2004	GROUP 1847	P			
			U.S. PATE	ENT DOCUMENTS					
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing D If Approp		
							-		
				-					
-	_								
			FOREIGN P	ATENT DOCUMENTS			l		
		Document Number	Date	Country	Class	Subclass	Translation Yes No		
						<del>                                     </del>		-	
<del>-</del>									
			•	g Author, Title, Date, Pertin					
SHS	1	CHEM.; 7 MAY 2004	i; VOL 279 No. 19; 19832					ı; J. BIOL	
	2	QATANANI M ET A ENDOCRINOL; 24 I	L; Role of the constitutive November 2004; 146, no.	androstane receptor in xenoblot 3; 995-1002;	ic-Induced thyrold	hormane m	etebolism;		
$\overline{\Psi}$	3		erse roles of the nuclear on nuary 2002; 61, no. 1; 1-8	orphan receptor CAR in regulatin	ig hepatic genes in	response 1	o phenobe	rbital; MO	
					<del></del>				
Examiner	Signature	Shulamith H. Shafer	Digitally agreed by Shutamath H. Shafer DN: cm Shutamath H. Shafer, cwUS, cmUSPTO, cm4U 1847, email-muhutamath.Anteringuapta.gov Dess: 2007.02.21 12:25 3.0500	Date Considered	02/22/	2007			
EXAMINE	R Initial if refe	Shafer rence considered, wh	o-USPTO, our-AU 1947, email-rehulanish.shefer@uspto.gov Dete: 2007.02.22 12:25.53 -06'00'	conformance with MPEP 609. D					

Page 1 of 2

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT					ATTORNEY DOCKET				
					FILING DATE GROUP				
			<del></del>		Concurrent	ly herewith			
		<del></del>	U.S. 1	PATENTU	OCUMENTS		·	Filing Date	
Examiner Initials		Patent Number	Issue Date	Name		Class	Subclass	If Appropria	
				Continue on	nage				
					T DOCUMEN	TS			
		Document Publication				Class	Subclass	Translation Yes   No	
	<del>                                     </del>	Number WO 01/51045	Date 07/19/2001	WIPO	Country	Ciass	Subciass	· · · · · · · · · · · · · · · · · · ·	
SHS SHS	1. 2.	WO 01/31043	03/28/2002	WIPO			-	X (Abstract)	
2110	<del>-2:</del>	. 47 0 02 23 13 7	03/20/2002	1					
				1					
				1			<u> </u>	<u> </u>	
				Continue on		. Dana Nina	1 E4-)		
	-	OTHER DOCUM	MENTS (Includ	ing Autnor.	, Title, Journa	i-Date, Page Nur he orphan nuclea	nber, Etc.)	mor CAR."	
	3.	Lournal Biologic	al Chemistry 27	Valion by th	77571 (805 1)	ne orphan nacica	I HOTHIONS 100.	eptor Crass,	
	<del>                                     </del>	Journal Biological Chemistry 272(38):23565-23571 (Sep. 1997).  Moore et al. "Orphan nuclear receptors constitutive androstane receptor and pregnane."							
	4.	Moore et al. "Or	mhan nuclear rec	entors const	itutive androst	ane receptor and r	regnane X rec	entor share	
	4.	xenshistic storei	rohan nuclear rec	eptors const	itutive androst	ane receptor and r	27 (May 2000	).	
	5.	Suevochi et al " CYP2R6 cene"	rnhan nuclear rec d ligands," Journ The rapressed nu Journal Riologic	eptors const al Biologia uclear recept al Chamistr	titutive androst: al Chemistry 27 tor CAR respon y 374(10):6041	ane receptor and r 75(20):15122 151 ads to Phenoharhi 8-6046 (Mar. 1996	<del>27 (May 2000</del> tal in activatin 1)	). g the human	
	ļ	Xenebistic sterei  Susyochi et al. "  CYP2R6 gene."  Woi et al., "The	rphan nuclear rec d ligands," Journ The repressed nu Journal Riologic nuclear receptor	eptors const al Biologia uclear recept al Chamistr	titutive androst: al Chemistry 27 tor CAR respon y 374(10):6041	ane receptor and research and research and research and research and research are research and research	<del>27 (May 2000</del> tal in activatin 1)	). g the human	
SHS	5.	Xenebistic etersis Susyochi et al., " CYP2R6 gene," Wei et al., "The Nature 407-920. Barter et al., "UI extrathyroidal m	rphan nuclear rec d liganda," Journal The repressed nu- Journal Biologic nuclear	entors consisted Biological Chamistre GAR media transferase in the col. Appl. Pl	to CAR resper 374(10)-604 and cers reduce and cers reduce armacol. 113:	ane receptor and response to Phenoharbita 6046 (Mar. 1996) abbietic industries thyroid hormone 36-42 (1992).	27 (May 2000 tal in activation  of drug metals levels in rats l	). g the human elism,"	
SHS	5. 6.	Xenebistis etersi Susyoshi et al. " CYP2R6 gene," Wei et al., "The Nature 407-920. Barter et al., "UI extrathyroidal m Berti et al., "Thy	rphan nuclear rec d liganda," Journal The repressed nu- Journal Biologic nuclear septor 923 (Oct. 2000). DP-glucuronosylt echanism," Toxic groid hormone in	entors consisted Biological Chamistre GAR media transferase in col. Appl. Pl treases plass	to CAR respersive specific menuscripts and the specific menuscripts are specific menuscripts and the specific menuscripts are specific menuscripts and the specific menuscripts and the specific menuscripts and the specific menuscripts and the specif	thyroid hormone 36-42 (1992).	27 (Mey 2000 tal in activation 1) of drug moteb levels in rats l	). g the human elism,"  by an d plasma high-	
SHS	5. 6. 7. 8.	Xenebistis etersis Susyoshi et al., " CYP2B6 gene," Wei et al., "The Nature 407-920. Barter et al., "UI extrathyroidal m Berti et al., "Thy density lipoprote	rphan nuclear rec d liganda," Journal The repressed nu- Journal Biologic musicar epiter 923 (Oct. 2000). DP-glucuronosylt echanism," Toxic groid hormone incention removal rate is	entors consisted Biological Chamistre GAR media transferase is col. Appl. Pl creases plass n transgenic	trutive androsts of Chemistry 3: tor CAR responses 374(10)-6043 tos specific nor inducers reduce harmacol. 113: ma cholesteryl e mice," Metabo	thyroid hormone 36-42 (1992). ester transfer protosolism 50(5):530-5	27 (Mey 2000) tal in activation (b) of drug motels levels in rats I ein activity an 36 (May 2001)	). g the human elism,"  by an d plasma high-	
SHS	5. 6. 7.	Xenebistic storei  Sueyoshi et al., " CYP2B6 gene,"  Wei et al., "The Nature 407-920.  Barter et al., "UI extrathyroidal m Berti et al., "Thy density lipoprote Burchell et al., "En dichloropyridylo	The repressed purely and the repressed purely and a repressed purely	entors consisted Biological Chamistre GAR media transferase is col. Appl. Pl creases plass n transgenic syltransferas vroid and he	trutive androsts of Chemistry 3: tor CAR respect of 374(10)-6043 tos epocific and inducers reduce tharmacol. 113: ma cholesteryl c mice," Metabo tes," Pharmaco epotocarcinoge	thyroid hormone 36-42 (1992).	27 (Mey 2000 tal in activation (I) of drug metable levels in rats I ein activity an 36 (May 2001 -289 (1989).	). g the human elism,"  by an d plasma high- ).	
SHS	5. 6. 7. 8.	xenebistic eteroic Sueyoshi et al. " CYP2B6 gene," Wei et al., "The Nature 407-920. Barter et al., "UI extrathyroidal m Berti et al., "Thy density lipoprote Burchell et al., "Er dichloropyridylo 17(1):37-43 (Jan Feng et al., "Thy	The repressed not the represedent not the represed not the represedent not	entors consisted Biological Biological Chamistre GAR media transferase in col. Appl. Place as a plasm transgenic syltransferas yroid and he ats at doses gulation of h	titutive androsts of Chemistry 3: 10 CAR response 374(10):6043 ces eposition and decer reduce tharmacol. 113: ma cholesteryle mice," Metabotes," Pharmaco epatocarcinoge that cause max repatic genes in	thyroid hormone 36-42 (1992). ester transfer problem 50(5):530-5 I. Ther. 43(2):261 nesis by 1,4-bis[2	27 (Mey 2000 tal in activation (IV)  of drug motels levels in rats lein activity an 36 (May 2001 -289 (1989).  -(3,5-CYP2B," Car	). g the human elism,"  by an d plasma high- ).  cinogenesis	
SHS	5. 6. 7. 8. 9.	Xenebistic storei  Sueyoshi et al., "CYP2R6 gene,"  Wei et al., "The Nature 407-920.  Barter et al., "Ul extrathyroidal m  Berti et al., "Thy density lipoprote  Burchell et al., "Er dichloropyridylo 17(1):37-43 (Jan Feng et al., "Thy microarray," Mo  Fields et al., "A fills (Jul. 1989).	rphan nuclear rec d ligande," Journal "The repressed nu Journal Riologic nuclear receptor, 923 (Oct. 2000). DP-glucuronosylt echanism," Toxic roid hormone inden removal rate in UDP Glucuronas nhancement of the oxy)]benzene in re- in. 1996). Troid hormone re- grand hormone re- di. Endocrinol. 14 novel genetic sys	ceptors constinued Biological Biological Phological Chamister GAR medical Chamister GAR	trutive androsts of Chemistry 37 (10) 6043 (10	thyroid hormone 36-42 (1992). ester transfer protolism 50(5):530-51. Ther. 43(2):261 imal induction of vivo detected by in interactions," I	levels in rats lein activity an 36 (May 2001-289 (1989).  -(3,5-CYP2B," Car complementar	). g the human selism," by an d plasma high- ). cinogenesis ry DNA 30):245-246	
SHS	5. 6. 7. 8. 9. 10.	Xenebistic storei  Sueyoshi et al., "CYP2R6 gane,"  Wei et al., "The Nature 407-920.  Barter et al., "UI extrathyroidal m  Berti et al., "Thy density lipoprote  Burchell et al., "Er dichloropyridylo 17(1):37-43 (Jan  Feng et al., "Thy microarray," Mo  Fields et al., "A (Jul. 1989).  Honkakoski et al  Phenobarbital-re (Oct. 1998).	rphan nuclear rec d ligande," Journal Riologic nuclear respectives 923 (Oct 2000). DP-glucuronosyltechanism," Toxic moid hormone incein removal rate in UDP Glucuronas nhancement of the poxy)]benzene in rec. 1996). Toid hormone region of the control of the contr	ceptors constituted by transferase in transferase in transgenic syltransferase yroid and he ats at doses gulation of he (7):947-955 term to detect or phan recepter module o	trutive androsts of Chemistry 3: 12 Chemistry 3: 12 Chemistry 3: 12 Chemistry 3: 12 Chemistry 3: 14 Chemistry 3: 14 Chemistry 3: 14 Chemistry 3: 14 Chemistry 3: 15 Chemistry	thyroid hormone 36-42 (1992). ester transfer protolism 50(5):530-51. Ther. 43(2):261 imal induction of a vivo detected by in interactions," I bid X receptor hetene," Mol. Cell. B	levels in rats lein activity an 36 (May 2001-289 (1989)(3,5-CYP2B," Car complementar Vature 340(62: erodimer activity iol. 18(10):565	). g the human selism," by an d plasma high- ). cinogenesis ry DNA 30):245-246 rates the 52-5658	
SHS	5. 6. 7. 8. 9. 10. 11. 12.	Xenebistic storei  Sueyoshi et al., "CYP2R6 gane,"  Woi et al., "The Nature 407-920.  Barter et al., "UI extrathyroidal m  Berti et al., "Thy density lipoprote  Burchell et al., "Er dichloropyridylo 17(1):37-43 (Jan  Feng et al., "Thy microarray," Mo  Fields et al., "A (Jul. 1989).  Honkakoski et al  Phenobarbital-re (Oct. 1998).  Hulsmann et al., rat liver lipase."	rphan nuclear rec d ligande," Journal Riologic muslear respectives 923 (Oct 2000). DP-glucuronosyltechanism," Toxic moid hormone incin removal rate in UDP Glucuronas nhancement of the oxy)]benzene in rea. 1996). Toid hormone regulation of the oxy) and hormone regulation of the incident of the oxy) and hormone regulation of the syllenzene in rea.	ceptors consisted Biological Biological Biological Chamister GAR medical Conference of the Conferenc	trutive androsts of Chemistry 3: 12 Chemistry 3: 12 Chemistry 3: 12 Chemistry 3: 12 Chemistry 3: 14 Chemistry 3: 14 Chemistry 3: 14 Chemistry 3: 15 Chemistry 3: 15 Chemistry 3: 16 Chemistry	thyroid hormone 36-42 (1992). ester transfer protolism 50(5):530-51. Ther. 43(2):261 interesting induction of a vivo detected by in interactions," I bid X receptor hetere," Mol. Cell. Bullyunsaturated fatt 4-788 (1977).	levels in rats levels	). g the human elism," by an d plasma high- ). cinogenesis ry DNA 30):245-246 rates the 52-5658 parin-releasable	
SHS	5. 6. 7. 8. 9. 10. 11. 12. 13.	Sueyoshi et al., "CYP2B6 gane," Wei et al., "The Nature 407-920. Barter et al., "Ul extrathyroidal m Berti et al., "Thy density lipoprote Burchell et al., "En dichloropyridylo 17(1):37-43 (Jan Feng et al., "Thy microarray," Mo Fields et al., "A (Jul. 1989). Honkakoski et al Phenobarbital-re (Oct. 1998). Hulsmann et al., rat liver lipase," Iossa et al., "Fat Inernational Journal and Incomparisonal Journal Country (Incomparisonal Journal Countr	The repressed management of the property of the repressed management of the property of the pr	transferase in transgenic sylvansferase in transgenic sylvansferase plasm transgenic sylvansferas yroid and he ats at doses gulation of he (7):947-955 atem to detect or phan recepter module of the control of the cont	trutive androsts of Chemistry 2: 12 Chemistry 2: 12 Chemistry 2: 12 Chemistry 2: 13 Chemistry 2: 14 Chemistry 2: 14 Chemistry 2: 15 Chemistry	thyroid hormone 36-42 (1992). ester transfer protolism 50(5):530-51. Ther. 43(2):261 mesis by 1,4-bis[2 imal induction of a vivo detected by in interactions," I bid X receptor hetene," Mol. Cell. Bilyunsaturated fatt 4-788 (1977).	complementa:  Vature 340(62:  erodimer activity iol. 18(10):565  y acids on hepoid, and hyperoid, and hyperoid.	cinogenesis  Ty DNA  30):245-246  Tates the 52-5658  Darin-releasable thyroid rats,"	
SHS	5. 6. 7. 8. 9. 10. 11. 12.	Sueyoshi et al., "CYP2B6 gane," Wei et al., "The Nature 407-920. Barter et al., "Ul extrathyroidal m Berti et al., "Thy density lipoprote Burchell et al., "En dichloropyridylo 17(1):37-43 (Jan Feng et al., "Thy microarray," Mo Fields et al., "A (Jul. 1989). Honkakoski et al Phenobarbital-re (Oct. 1998). Hulsmann et al., rat liver lipase," Iossa et al., "Fat Inernational Journal and Incomparisonal Journal Country (Incomparisonal Journal Countr	rphan nuclear reced higode," Journal Riologic nuclear receptors 23 (Oct 2000).  DP-glucuronosyltechanism," Toxic roid hormone incin removal rate is UDP Glucuronas nhancement of the fixy)]benzene in ref. 1996).  Toid hormone regid. Endocrinol. 14 novel genetic systems with the fixy of the fixed properties. The nuclear of the fixed properties	transferase in transgenic sylvansferase in transgenic sylvansferase plasm transgenic sylvansferas yroid and he ats at doses gulation of he (7):947-955 atem to detect or phan recepter module of the control of the cont	trutive androsts of Chemistry 2: 12 Chemistry 2: 12 Chemistry 2: 12 Chemistry 2: 13 Chemistry 2: 14 Chemistry 2: 14 Chemistry 2: 15 Chemistry	ane receptor and ref (30)-15122-154 and to Phenoharhia and for Phe	complementa:  Vature 340(62:  erodimer activity iol. 18(10):565  y acids on hepoid, and hyperoid, and hyperoid.	cinogenesis  Ty DNA  30):245-246  Tates the 52-5658  Darin-releasable thyroid rats,"	

Page 2 of 2

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			PU4591USW APPLICANT Jodi Marie M FILING DAT	ATTORNEY DOCKETOR. PU4591USW APPLICANT Jodi Marie MAGLICH et al. FILING DATE Concurrently herewith		To be assigned UO O		
			II S PA	ATENT DOCUMENTS	nerewith			
Examiner Initials	miner Patent Issue Date			Name	Class	Subclass	Filing Date If Appropriate	
			Co	ntinue on page				
				PATENT DOCUMENT	rs			
		Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No	
			<del> </del>				<del> </del>	
		<u> </u>		ntinue on page		L	L	
	OT	HER DOCUMEN	TS (Including Au	thor, Title, Journal-Date	e, Page Number,	Etc.) (Cont'	d)	
SHS	17.	Kolaja et al., "De increase both TO	ose-response exam F-β expression an	ination of UDP-glucurono d thyroid follicular cell ap-	syltransferase in optosis," Toxicol	ducers and the . <i>Sci</i> . <b>46(1)</b> :31	ir ability to -37 (Nov. 1998).	
	18.	Lavery et al., "Circadian expression of the steroid 15 α-hydroxylase (Cyp2a4) and coumarin 7-hydrox (Cyp2a5) genes in mouse liver is regulated by the PAR leucine zipper transcription factor DBP," Mol. Biol. 19(10):6488-6499 (Oct. 1999).						
	19.	Nichols et al., "Development of a scintillation proximity assay for peroxisome proliferators-activated receptor y ligand binding domain," Anal. Biochem. 257(2):112-119 (Mar. 1998).						
	20.	(May 1999).		for an orphan nuclear rece				
	21.	Ridgway et al., "Lipoprotein lipase-mediated sequestration of long-chain polyunsaturated triacylgl serum LDL from normal and hypothyroid rats," <i>Biochim. Biophys. Acta</i> 796(1):64-71 (Oct. 1984).						
	22.	Ridgway et al., "Serum activity and hepatic secretion of lecithin: cholesterol acyltransferase in experim hypothyroidism and hypercholesterolemia," <i>J. Lipid Res.</i> 26(11):1300-1313 (Nov. 1985).  Scarabottolo et al., "Experimental hypothyroidism modulates the expression of the low density lipoprotection."						
	23.	receptor by the l	iver," Atherosclero	osis <b>59(3)</b> :329-333 (1986).				
	24.	Spiegelman et al	., "Obesity and the	regulation of energy bala	nce," Cell 104(4)	):531-543 (Fel	o. 2001).	
	25.	Sugatani et al., "The Phenobarbital response enhancer module in the human bilirubin UDP-glucuronosyltransferase <i>UGTIA1</i> gene and regulation by the nuclear receptor CAR," <i>Hepatology</i> 33(5):1232-1238 (2001)						
			al "Relations he	tween thyroid function, he	patic and lipopro	tein lipase act	ivities, and	
-	26.	plasma lipoprote	in concentrations,	" Acta Endocrinol. 104(1):	:50-56 (1983)			
	26. 27.	plasma lipoprote Xie et al., "Recip	ein concentrations, procal activation of the concentration of the concentration of the concentrations, and	" Acta Endocrinol. 104(1): f Xenobiotic response gen- c. 2000).	:50-56 (1983) es by nuclear rec	eptors SXR/P	XR and CAR,"	
		plasma lipoprote Xie et al., "Recip Genes Dev. 14(2 Yen, "Physiolog (Jul. 2001).	ein concentrations, procal activation o 3):3014-3023 (De ical and molecular	" Acta Endocrinol. 104(1): f Xenobiotic response gen- c. 2000). basis of thyroid hormone	es by nuclear rec action," <i>P.M. Ph</i>	eptors SXR/P.	XR and CAR," (3):1097-1142	
<b>↓</b>	27.	plasma lipoprote Xie et al., "Reci Genes Dev. 14(2 Yen, "Physiolog (Jul. 2001). Zelko et al., "Ph	ein concentrations, procal activation of 3):3014-3023 (De ical and molecular enobarbital-elicite and Biophys. Res. Co.	" Acta Endocrinol. 104(1): f Xenobiotic response gen- c. 2000).	es by nuclear recaction," P.M. Pheptor CAR in ind	eptors SXR/P.	XR and CAR," (3):1097-1142	

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.